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021004
13281 US PTOUTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|----------------------|
| Attorney Docket No. | 501.27932V23 |
| First Inventor | Gen Murakami, et al. |
| Title | SEMICONDUCTOR DEVICE |
| Express Mail Label No. | |

APPLICATION ELEMENTS
SEE MPEP chapter 600 concerning utility patent application contents.ADDRESS TO: Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

| | |
|--|---|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) |
| 2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. | 8. Nucleotide and/or Amino Acid Sequence Submission <i>if applicable, all necessary</i> |
| 3. <input checked="" type="checkbox"/> Specification [Total Pages: 137] (preferred arrangement set forth below) | a. <input type="checkbox"/> Computer Readable Form (CRF) |
| -Descriptive title of the invention | b. Specification Sequence Listing on: |
| -Cross Reference to Related Applications | i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or |
| -Statement Regarding Fed sponsored R & D | ii. <input type="checkbox"/> paper |
| -Reference to sequence listing, a table, or a computer program listing appendix | c. <input type="checkbox"/> Statements verifying identity of above copies |
| -Background of the Invention | |
| -Brief Summary of the Invention | |
| -Brief Description of the Drawings (<i>if filed</i>) | |
| -Detailed Description | |
| -Claim(s) | |
| -Abstract of the Disclosure | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets: 42 Shts: Figs. 1-78] | |
| 5. Oath or Declaration [Total Sheets: 04] | |
| a. <input type="checkbox"/> Newly executed (original or copy) | 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s)) |
| b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for continuation/divisional with Box 18 completed)</i> | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> |
| i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) Named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b) | 11. <input type="checkbox"/> English Translation Document (<i>if applicable</i>) |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 12. <input checked="" type="checkbox"/> Information Disclosure <input type="checkbox"/> Copies of IDS Citations Statement (IDS)/PTO-1449 |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: | 13. <input checked="" type="checkbox"/> Preliminary Amendment |
| <input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No.: 10/322,672 | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> |
| Prior application information: Examiner: C.W. Lattin Art Unit: 2812 | 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> |
| For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. | 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. |
| | 17. <input checked="" type="checkbox"/> Other: Form PTO-2038 (Codes 1001/12032) and Claim For Priority |

19. CORRESPONDENCE ADDRESS

| | | | |
|---|---|--|-------------------|
| <input checked="" type="checkbox"/> Customer Number | 020457 | OR <input type="checkbox"/> Correspondence address below | |
| Name | ANTONELLI, TERRY, STOUT & KRAUS | | |
| Address | 1800 NORTH SEVENTEENTH STREET SUITE 1800 | | |
| City | ARLINGTON | State | Va |
| Country | UNITED STATES | Telephone | 703/312-6600 |
| Name (Print/Type) | William I. Solomon | Registration No. (Attorney/Agent) | 28,565 |
| Signature | <i>William I. Solomon</i> | | Date |
| | | | February 10, 2004 |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10/77405
21711 US PTO
021004

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16201
U.S. PTO

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$770.00)

| Complete if Known | |
|----------------------|---------------------|
| Application Number | Unassigned |
| Filing Date | 9 February 2004 |
| First Named Inventor | Gen MURAKAMI et al. |
| Examiner Name | Unassigned |
| Group Art Unit | Unassigned |

Attorney Docket No. 501.27932V23

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge DEFICIENCIES indicated to:
Deposit Account Number 01-2135
Deposit Account Name AT&T
 Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
 Applicant Claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:
 Check Credit Card Money Order Other

FEE CALCULATION

2. BASIC FILING FEE

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|----------------------------|----------------------------|--------------------------------|----------|
| 1001 | 770 | 2001 385 Utility filing fee | |
| 1002 | 340 | 2002 170 Design filing fee | |
| 1003 | 530 | 2003 265 Plant filing fee | |
| 1004 | 770 | 2004 385 Reissue filing fee | |
| 1005 | 160 | 2005 80 Provisional filing fee | |

SUBTOTAL (1)

\$770.00

1. EXTRA CLAIM FEES

| Total Claims | 6-20** | = | 00 | Fee from below | Fee Paid |
|---------------|--------|---|----|----------------|----------|
| Indep. Claims | 1-3** | = | 00 | x\$ 86 | = \$00 |

Multiple Dependent

=

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|----------------------------|----------------------------|---|
| 1201 | 18 | 2201 9 Claims in excess of 20 |
| 1202 | 86 | 2202 43 Independent claims in excess of 3 |
| 1203 | 290 | 2203 145 Multiple dependent claim, if not paid |
| 1204 | 86 | 2204 43 ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 9 ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) \$00

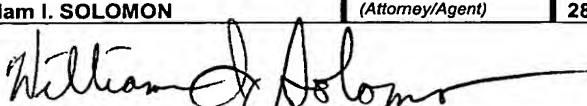
**or number previously paid, if greater; For Reissues, see above.

| 3. ADDITIONAL FEES | | Fee Description | Fee Paid |
|----------------------------|----------------------------|---|----------|
| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | | |
| 105 | 130 | 205 65 Surcharge – late filing fee or oath | |
| 127 | 50 | 227 25 Surcharge – late provisional filing fee or cover sheet | |
| 139 | 130 | 139 130 Non-English specification | |
| 147 | 2,520 | 147 2,520 For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 920* Requesting publication of SIR prior to Examination action | |
| 113 | 1,840* | 113 1,840* Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 55 Extension for reply within first month | |
| 116 | 400 | 216 200 Extension for reply within second month | |
| 117 | 920 | 217 460 Extension for reply within third month | |
| 118 | 1,440 | 218 720 Extension for reply within fourth month | |
| 128 | 1,960 | 228 980 Extension for reply within fifth month | |
| 119 | 320 | 219 160 Notice of Appeal | |
| 120 | 320 | 220 160 Filing a brief in support of an appeal | |
| 121 | 280 | 221 140 Request for oral hearing | |
| 138 | 1,510 | 138 1,510 Petition to institute a public use proceeding | |
| 140 | 110 | 240 55 Petition to revive – unavoidable | |
| 141 | 1,280 | 241 640 Petition to revive – unintentional | |
| 142 | 1,280 | 242 640 Utility issue fee (or reissue) | |
| 143 | 460 | 243 230 Design issue fee | |
| 144 | 620 | 244 310 Plant issue fee | |
| 122 | 130 | 122 130 Petitions to the Commissioner | |
| 123 | 50 | 123 50 Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 180 Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 40 Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 370 For each additional invention to be examined (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 370 For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 370 Request for Continued Examination (RCE) | |
| 169 | 900 | 169 900 Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$00

| SUBMITTED BY | | Complete (if applicable) | | |
|-------------------|---|--------------------------------------|--------|-----------------|
| Name (Print/Type) | William I. SOLOMON | Registration No. (Attorney/Agent) | 28,565 | Telephone |
| Signature |  | | Date | 9 February 2004 |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.